

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	196918	(flow near control)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:34
L2	674	709/235.ccls.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:40
L3	192	1 2	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:40
L4	0	3 (integer near program)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:40
L5	2	3 ((integer or linear) with program\$4)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:41
L6	2	3 ((integer or linear) with (constraint or program\$4))	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:42
L7	38	3 ((integer or linear or constraint) with (constraint or program\$4))	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:41
L8	1024	(linear near constraint)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:42
L9	1	8 709/235.ccls.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:42
L10	83	8 (distribut\$3 with (application or service))	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:43
L11	24669499	@ad<"20030725"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:43
L12	46	10 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:44

## EAST Search History

L13	2	8 same(distribut\$3 with (application or service))	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:43
L14	2	8 same (distribut\$3 with (application or service))	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:43
L15	2	14	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 18:43
L16	0	12 "709.cla.s"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:44
L17	2	12 "709".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:44
L18	1154	(linear near optimization)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:44
L19	25	18 service.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:44
L20	3	19 "709".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:45
L21	2	20 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:45

## EAST Search History

L22	45469	linear with (optimiz\$5 or problem or constraint)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:45
L23	14630	22.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:45
L24	11303	23 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:45
L25	57330	"709".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:46
L26	0	24 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:46
L27	10	24 25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/10 18:47
L33	2	(US-5993038-\$ or US-6574669-\$). did.	USPAT	AND	ON	2007/09/10 18:53
L34	0	minimiz\$3 33	USPAT	AND	ON	2007/09/10 18:53
L35	1	minim\$5 33	USPAT	AND	ON	2007/09/10 19:10
L36	2	33 (distribut\$3)	USPAT	AND	ON	2007/09/10 19:35
L37	2	33 maximum	USPAT	AND	ON	2007/09/10 19:35

## EAST Search History

S1	649	709/235.ccl\$.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:03
S2	24613692	@ad<"20030725"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 14:13
S3	591	S1 S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 14:13
S4	14094	(distributed near (application or program))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 14:13
S5	18	S3 S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 14:17
S6	575	S4.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 14:17
S7	433	S6 S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 14:18

## EAST Search History

S8	86	S7 "709".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 14:18
S9	4	S8 formula	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 14:18
S10	2	US-6526420-B2.did. OR "US-6031954-A.did"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 14:21
S11	4	US-6526420-B2.did. OR US-6031954-A.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 14:22
S12	14094	(distributed near (application or program))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 15:29
S13	575	S12.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 15:29
S14	13	S13 (variable OR formula OR (integer near3 program)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 15:30

## EAST Search History

S15	24613692	@ad<"20030725"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 15:30
S16	9	S14 S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 15:39
S17	2	US-5511167-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 15:39
S18	6	(US-5511167-\$ or US-6507844-\$ or US-6125400-\$ or US-5993038-\$ or US-6526420-\$).did. or (US-6366931-\$).did.	USPAT; DERWENT	AND	ON	2007/03/13 08:55
S19	0	(node with pair) S18	USPAT; DERWENT	AND	ON	2007/03/13 08:55
S20	19928	(node with pair)	USPAT; DERWENT	AND	ON	2007/03/13 09:01
S21	651	709/235.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 08:56
S22	38	S20 S21	USPAT; DERWENT	AND	ON	2007/03/13 08:56
S23	24614792	@ad<"20030725"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 08:56
S24	36	S22 S23	USPAT; DERWENT	AND	ON	2007/03/13 09:00
S25	5	S24 (load with balanc\$3)	USPAT; DERWENT	AND	ON	2007/03/13 09:00

## EAST Search History

S26	96851	(between with node)	USPAT; DERWENT	AND	ON	2007/03/13 09:01
S27	18	S26 S21 S23 (load with balanc\$3)	USPAT; DERWENT	AND	ON	2007/03/13 09:03
S28	13	S27 not S25	USPAT; DERWENT	AND	ON	2007/03/13 09:05
S29	1	S21 (demand with greater with capacity)	USPAT; DERWENT	AND	ON	2007/03/13 09:06
S30	0	S21 (demand with greater with maximum)	USPAT; DERWENT	AND	ON	2007/03/13 09:06
S31	45	S21 (exceed with capacity)	USPAT; DERWENT	AND	ON	2007/03/13 09:06
S32	24614792	@ad<"20030725"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 09:07
S33	651	709/235.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 09:07
S34	55	S32 S33 (exceed with capacity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 09:22
S35	2	US "20050021831" A1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 09:15
S36	2	S34 (distributed near (application or program))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 09:22

## EAST Search History

S37	11	(US-20050021831-\$).did. or (US-6125397-\$ or US-6125400-\$ or US-6507844-\$ or US-6526420-\$ or US-5993038-\$ or US-5511167-\$ or US-6834310-\$ or US-5918021-\$ or US-6928482-\$).did. or (US-6366931-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/13 10:29
S38	10	(US-6125397-\$ or US-6125400-\$ or US-6507844-\$ or US-6526420-\$ or US-5993038-\$ or US-5511167-\$ or US-6834310-\$ or US-5918021-\$ or US-6928482-\$).did. or (US-6366931-\$).did.	USPAT; DERWENT	AND	ON	2007/03/13 10:30
S39	3	S38 exceed	USPAT; DERWENT	AND	ON	2007/03/13 10:31
S40	3	S38 capacity	USPAT; DERWENT	AND	ON	2007/03/13 10:39
S41	1	S38 (distributed near application).ti.	USPAT; DERWENT	AND	ON	2007/03/13 10:40
S42	17	(exceed\$3 with bandwidth) same (node with pair)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 10:52
S43	24614792	@ad<"20030725"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 10:52
S44	13	S42 S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 10:53
S45	11	(US-6125397-\$ or US-6125400-\$ or US-6507844-\$ or US-6526420-\$ or US-5993038-\$ or US-5511167-\$ or US-6834310-\$ or US-5918021-\$ or US-6928482-\$ or US-6978394-\$). did. or (US-6366931-\$).did.	USPAT; DERWENT	AND	ON	2007/03/13 13:29
S46	3	S45 (node with pair)	USPAT; DERWENT	AND	ON	2007/03/13 13:31
S47	196	(node with exceed with capacity)	USPAT; DERWENT	AND	ON	2007/03/13 13:32



## EAST Search History

S48	183	S47 S43	USPAT; DERWENT	AND	ON	2007/03/13 13:32
S49	651	709/235.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 13:32
S50	514	S49	USPAT; DERWENT	AND	ON	2007/03/13 13:32
S51	514	S49	USPAT; DERWENT	AND	ON	2007/03/13 13:32
S52	514	S50	USPAT; DERWENT	AND	ON	2007/03/13 13:32
S53	4	S49 S48	USPAT; DERWENT	AND	ON	2007/03/13 13:38
S54	42	(prevent with exceed) same (node with (pair or between or across))	USPAT; DERWENT	AND	ON	2007/03/13 13:40
S55	86	(prevent\$3 with exceed) same (node with (pair or between or across))	USPAT; DERWENT	AND	ON	2007/03/13 13:40
S56	78	S55 @ad<"20030725"	USPAT; DERWENT	AND	ON	2007/03/13 13:41
S57	0	S56 "709".clas.	USPAT; DERWENT	AND	ON	2007/03/13 13:41
S58	0	S56 S49	USPAT; DERWENT	AND	ON	2007/03/13 13:41
S59	0	S55 (node with pair).ab.	USPAT; DERWENT	AND	ON	2007/03/13 13:41
S60	18	S55 (node with (between or across)).ab.	USPAT; DERWENT	AND	ON	2007/03/13 13:42
S61	45	S49 (exceed with capacity)	USPAT; DERWENT	AND	ON	2007/03/13 13:42
S62	5	S61 S47	USPAT; DERWENT	AND	ON	2007/03/13 13:42
S63	41	(exceed with transmission) S49	USPAT; DERWENT	AND	ON	2007/03/13 13:43
S64	0	S63 S47	USPAT; DERWENT	AND	ON	2007/03/13 13:43
S65	41	S63 S43	USPAT; DERWENT	AND	ON	2007/03/13 13:44
S66	2	S65 (node with pair)	USPAT; DERWENT	AND	ON	2007/03/13 13:43

## EAST Search History

S67	21	S63 node	USPAT; DERWENT	AND	ON	2007/03/13 13:44
S68	15	(US-6125397-\$ or US-6125400-\$ or US-6507844-\$ or US-6526420-\$ or US-5993038-\$ or US-5511167-\$ or US-6834310-\$ or US-5918021-\$ or US-6928482-\$ or US-6978394-\$ or US-5734825-\$ or US-6032188-\$ or US-6167029-\$ or US-6473801-\$). did. or (US-6366931-\$).did.	USPAT; DERWENT	AND	ON	2007/03/13 14:00
S69	3	S68 (transmission with limit)	USPAT; DERWENT	AND	ON	2007/03/13 14:11
S70	6	S68 search	USPAT; DERWENT	AND	ON	2007/03/13 14:11
S71	4	S68 (distribut\$3 near application) (place\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:38
S72	13	S49 (distribut\$3 near application) (place\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:39
S73	9	S72 S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:40
S74	671	(distribut\$3 near application).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:40
S75	35	S74 ((plac\$3 OR place\$4) with service)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:40

## EAST Search History

S76	2	S75 S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:41
S77	16	S75 "709".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:41
S78	14	S77 not S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:41
S79	12	S78 S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:43
S80	47	((distribut\$3 near application) service).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:43
S81	30	S80 S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:43
S82	15	(US-6125397-\$ or US-6125400-\$ or US-6507844-\$ or US-6526420-\$ or US-5993038-\$ or US-5511167-\$ or US-6834310-\$ or US-5918021-\$ or US-6928482-\$ or US-6978394-\$ or US-5734825-\$ or US-6032188-\$ or US-6167029-\$ or US-6473801-\$). did. or (US-6366931-\$).did.	USPAT; DERWENT	AND	ON	2007/03/13 15:06

## EAST Search History

S83	11	S82 processing	USPAT; DERWENT	AND	ON	2007/03/13 15:09
S84	30	S49 S43 (process\$3 with balanc\$3)	USPAT; DERWENT	AND	ON	2007/03/13 15:15
S85	2684	(distribut\$3 with application).ti.	USPAT; DERWENT	AND	ON	2007/03/13 15:12
S86	0	S84 S85	USPAT; DERWENT	AND	ON	2007/03/13 15:12
S87	5	S84 (distribut\$3 with application)	USPAT; DERWENT	AND	ON	2007/03/13 15:12
S88	38576	S43 (process\$3 with balanc\$3)	USPAT; DERWENT	AND	ON	2007/03/13 15:16
S89	956	S88 "709".clas.	USPAT; DERWENT	AND	ON	2007/03/13 15:16
S90	6	S89 (distribut\$3 near application).ti.	USPAT; DERWENT	AND	ON	2007/03/13 15:50
S91	21	(processor with exceed) 709/235. ccls.	USPAT; DERWENT	AND	ON	2007/03/13 15:50
S92	20	S91 @ad<"20030725"	USPAT; DERWENT	AND	ON	2007/03/13 15:52
S93	10	(processor with balanc\$3).ti. "709". clas. @ad<"20030725"	USPAT; DERWENT	AND	ON	2007/03/13 15:54
S94	402	(processor with balanc\$3).ti. @ad<"20030725"	USPAT; DERWENT	AND	ON	2007/03/13 15:54
S95	2	S94 (distribut\$3 with application). ab.	USPAT; DERWENT	AND	ON	2007/03/13 15:55
S96	6	S94 (distribut\$3 with application)	USPAT; DERWENT	AND	ON	2007/03/13 15:55
S97	4	S96 not S95	USPAT; DERWENT	AND	ON	2007/03/13 15:56
S98	147	(exceed with (processing near capacity))	USPAT; DERWENT	AND	ON	2007/03/13 15:56
S99	133	S98 @ad<"20030725"	USPAT; DERWENT	AND	ON	2007/03/13 15:57
S10 0	19	S99 "709".clas.	USPAT; DERWENT	AND	ON	2007/03/13 15:57
S10 1	4	(US-5734825-\$ or US-6507844-\$ or US-5993038-\$ or US-5878224-\$). did.	USPAT	AND	ON	2007/03/13 16:56
S10 2	3	S101 algorithm	USPAT	AND	ON	2007/03/13 17:09
S10 3	4	S101 table	USPAT	AND	ON	2007/03/13 17:09

## EAST Search History

S10 4	17	(US-6928482-\$ or US-6834310-\$ or US-6526420-\$ or US-6507844-\$ or US-6125400-\$ or US-6125397-\$ or US-5918021-\$ or US-5993038-\$ or US-5511167-\$ or US-6978394-\$ or US-6473801-\$ or US-6167029-\$ or US-6032188-\$ or US-5734825-\$ or US-7089299-\$ or US-5878224-\$).did. or (US-6366931-\$).did.	USPAT; DERWENT	AND	ON	2007/03/14 09:02
S10 5	7	S104 (process\$3 with (capacit\$3 OR exceed\$3 OR maximum OR load OR over\$1load))	USPAT; DERWENT	AND	ON	2007/03/14 09:03
S10 6	2	S104 (process\$3 with (capacit\$3 OR exceed\$3 OR maximum OR load OR over\$1load)) with table	USPAT; DERWENT	AND	ON	2007/03/14 09:03
S10 7	5	(US-6507844-\$ or US-5993038-\$ or US-5734825-\$ or US-5878224-\$ or US-6928482-\$).did.	USPAT	AND	ON	2007/03/14 09:44
S10 8	3	S107 storage	USPAT	AND	ON	2007/03/14 09:58
S10 9	3	S107 (only with one)	USPAT	AND	ON	2007/03/14 09:59
S11 0	2	S107 (one with service)	USPAT	AND	ON	2007/03/14 10:00
S11 1	0	(distribut\$3 near application).ti. @ad<"20030725" (service with previous)	USPAT	AND	ON	2007/03/14 10:00
S11 2	4	(distribut\$3 near application).ab. @ad<"20030725" (service with previous)	USPAT	AND	ON	2007/03/14 10:01
S11 3	0	(distribut\$3 near application).ti. @ad<"20030725" (service with reassign\$4)	USPAT	AND	ON	2007/03/14 10:02
S11 4	12	(distribut\$3 near application) @ad<"20030725" (service with reassign\$4)	USPAT	AND	ON	2007/03/14 10:08
S11 5	8414	(service with only with one)	USPAT	AND	ON	2007/03/14 10:08
S11 6	69	(service with only with one with node) "709".clas. @ad<"20030725"	USPAT	AND	ON	2007/03/14 10:13
S11 7	0	(service with only with one with node) 709/235.ccls. @ad<"20030725"	USPAT	AND	ON	2007/03/14 10:09
S11 8	8	S116 (distribut\$3 near (application or program))	USPAT	AND	ON	2007/03/14 10:09
S11 9	6	process with reassign\$4 with previous	USPAT	AND	ON	2007/03/14 10:13

## EAST Search History

S12 0	3440	@ad<"20030725" (distribut\$3) (service with previous)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:06
S12 1	115	@ad<"20030725" distribut\$3 with service with previous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:06
S12 2	24	S121 "709".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:07
S12 3	4	(distribut\$3 with application).ti. @ad<"20030725" "709".clas. service with previous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:08
S12 4	12	(distribut\$3 with service).ti. @ad<"20030725" "709".clas. service with previous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:10
S12 5	12	S124 not S123	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:08
S12 6	8	(distribut\$3 with service).ti. @ad<"20030725" "709".clas. service with placement	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:11

## EAST Search History

S12 7	185	service adj manager @ad<"20030725" (service with previous)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:12
S12 8	60	S127 "709".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:12
S12 9	27	S128 (distribut\$3 with application)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:12
S13 0	9	S129 service.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:14
S13 1	94	(service adj manager) (service with (plac\$5 OR locat\$3) with (previous or prior or original))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:15
S13 2	65	S131 @ad<"20030725"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:15
S13 3	16	S132 "709".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:16

## EAST Search History

S13 4	3	(distribut\$3 adj application.ti.) (node with placement)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:17
S13 5	3	(distribut\$3 adj application.ti.) (node with placed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:17
S13 6	1	S135 not S134	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:18
S13 7	3	(distribut\$3 adj application).ti. (agent with (placement OR placed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:18
S13 8	2	S137 not (S134 or S135)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/21 13:19
S13 9	22	(US-20030005132-\$ or US-20030055868-\$).did. or (US-6125397-\$ or US-6978394-\$ or US-5511167-\$ or US-6032188-\$ or US-6834310-\$ or US-5918021-\$ or US-6507844-\$ or US-5734825-\$ or US-6167029-\$ or US-6928482-\$ or US-6526420-\$ or US-6473801-\$ or US-6125400-\$ or US-5993038-\$ or US-7089299-\$ or US-5878224-\$ or US-6052712-\$ or US-4409656-\$ or US-6782527-\$).did. or (US-6366931-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/21 13:21
S14 0	9	S139 (penalt\$3 OR weight\$3 or coefficient)	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/21 13:22



## EAST Search History

S14 1	24	penalt\$3 with differ\$3 with (previous or original)	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/21 13:22
S14 2	17	S141 @ad<"20030725"	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/21 13:24
S14 3	0	S142 (distribut\$3 with (application or service))	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/21 13:23
S14 4	906432	S142 application or service	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/21 13:23
S14 5	13	S142 (application or service)	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/21 13:23
S14 6	132	reassign\$4 with (penalt\$3 or weight or coefficient)	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/21 13:25
S14 7	107	S146 @ad<"20030725"	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/21 13:25
S14 8	9	S147 "709".clas.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/21 13:25
S14 9	22	(US-20030005132-\$ or US-20030055868-\$).did. or (US-6125397-\$ or US-6978394-\$ or US-5511167-\$ or US-6032188-\$ or US-6834310-\$ or US-5918021-\$ or US-6507844-\$ or US-5734825-\$ or US-6167029-\$ or US-6928482-\$ or US-6526420-\$ or US-6473801-\$ or US-6125400-\$ or US-5993038-\$ or US-7089299-\$ or US-5878224-\$ or US-6052712-\$ or US-4409656-\$ or US-6782527-\$).did. or (US-6366931-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/21 13:32
S15 0	3	S149 reassign\$4	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/21 13:32
S15 1	1	"US 7191107"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/03/21 14:02

## EAST Search History

S15 2	21	(US-20030055868-\$ or US-20030005132-\$).did. or (US-5734825-\$ or US-6473801-\$ or US-6978394-\$ or US-6928482-\$ or US-5918021-\$ or US-5511167-\$ or US-6032188-\$ or US-6125397-\$ or US-6125400-\$ or US-6834310-\$ or US-6526420-\$ or US-5993038-\$ or US-6507844-\$ or US-6167029-\$ or US-7089299-\$ or US-5878224-\$ or US-6052712-\$ or US-6782527-\$). did. or (US-6366931-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/09/10 13:42
S15 3	2	S152 ((linear or integer) near3 program\$3)	US-PGPUB; USPAT; DERWENT	AND	ON	2007/09/10 13:43
S15 4	3	S152 ((linear or integer) near3 program\$4)	US-PGPUB; USPAT; DERWENT	AND	ON	2007/09/10 13:44
S15 5	268	((linear OR integer) near2 (program\$4)) (load with balanc\$3)	US-PGPUB; USPAT; DERWENT	AND	ON	2007/09/10 13:44
S15 6	267	((linear OR integer) near2 (program\$4)) (load with balanc\$3)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 13:44
S15 7	172	S156 @ad<"20030725"	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 13:44
S15 8	34	S157 "709".clas.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 13:44
S15 9	1	S158 (balanc\$3).ti.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 14:31
S16 0	1	S159 (linear or integer)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 14:11
S16 1	8	S152 (linear or integer)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 14:11
S16 2	3	minos near3 (network or balanc\$3 or service)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 14:32
S16 3	6513574	@ad<"20030725"	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 14:32
S16 4	0	S162 S163	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 14:32

## EAST Search History

S16 5	32	minos (network or balance\$3 or service).ti.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 14:32
S16 6	28	S165 S163	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 14:32
S16 7	0	S166 minos.ab.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 14:32
S16 8	3	S166 linear.ab.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:22
S16 9	198	(distributed adj application).ti.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:22
S17 0	0	S169 S157	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:22
S17 1	137	S169 S163	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:22
S17 2	1	S171 (linear or integer near program\$4)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:22
S17 3	0	S171 ((linear or integer) near3 program\$4)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:23
S17 4	65	(distributed near application) ((linear or integer) near3 program\$4)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:23
S17 5	18	S174 S163	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:23
S17 6	12	S175 (sum or summation)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:24
S17 7	104	(distributed near application) same (integer or linear or sum or summation)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:24
S17 8	37	(distributed near application) with (integer or linear or sum or summation)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:30
S17 9	11	S178 S163	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:30

## EAST Search History

S18 0	115	(distributed near application) same (integer or linear or sum or summation or formula)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:30
S18 1	4437	(distributed near application) (load or balanc\$3 or plac\$5 with (integer or linear or sum or summation or formula))	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:31
S18 2	473	(distributed near application) same (load or balanc\$3 or plac\$5 with (integer or linear or sum or summation or formula))	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:32
S18 3	333	S182 S163	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:31
S18 4	41	S183 (distributed near application).ab.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:31
S18 5	24	S184 "709".clas.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:31
S18 6	5	(distributed near application) same ((load or balanc\$3 or plac\$5) with (integer or linear or sum or summation or formula))	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:32
S18 7	934	(service) same ((load or balanc\$3 or plac\$5) with (integer or linear or sum or summation or formula))	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:32
S18 8	363	(service) with ((load or balanc\$3 or plac\$5) with (integer or linear or sum or summation or formula))	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:32
S18 9	257	S188 S163	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:32
S19 0	101	S189 (plac\$4 with service)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:33
S19 1	7	S189 (plac\$4 with service).ab.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:33
S19 2	10	S190 "709".clas.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:35
S19 3	239	(service with (allocation or plac\$5)).ti.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:35
S19 4	240	((multi\$1service or service) with (allocation or plac\$5)).ti.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:37

## EAST Search History

S19 5	157	S163 S194	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:35
S19 6	12	S195 "709".clas.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:35
S19 7	977	((resource) with (allocation or plac\$5)).ti.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:37
S19 8	58	S197 S163 "709".clas.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:37
S19 9	20	S198 (sum or summation or formula)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:41
S20 0	2	S196 ((linear or integer) with program\$4)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:42
S20 1	2	S192 ((linear or integer) with program\$4)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:42
S20 2	0	S185 ((linear or integer) with program\$4)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:42
S20 3	1	S179 ((linear or integer) with program\$4)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:48
S20 4	1343	(load with balanc\$3).ti.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:48
S20 5	887	S163 S204	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:48
S20 6	8970	(linear or integer) near3 program\$4	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:48
S20 7	3	S205 S206	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:49
S20 8	2046	(load with balanc\$3) (distribut\$3 with (application or service)) (((linear or integer) with program\$4) or sum or summation)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:51
S20 9	1218	S163 S208	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:50

## EAST Search History

S21 0	408	"709".clas. S209	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:50
S21 1	47753	(load with balanc\$3).ab. OR (distribut\$3 with (application or service)).ab. OR (((linear or integer) with program\$4) or sum or summation).ab.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:51
S21 2	94	S210 S211	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:51
S21 3	3928	(load with balanc\$3).ti. OR (distribut\$3 with (application or service)).ti. OR (((linear or integer) with program\$4) or sum or summation).ti.	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:51
S21 4	47	S210 S213	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:52
S21 5	11	S214 (linear or integer)	US-PGPUB; USPAT; EPO	AND	ON	2007/09/10 17:52